

# Special Operations Forces Industry Conference

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## CDR Joe Dituri

Chief Engineer - Maritime

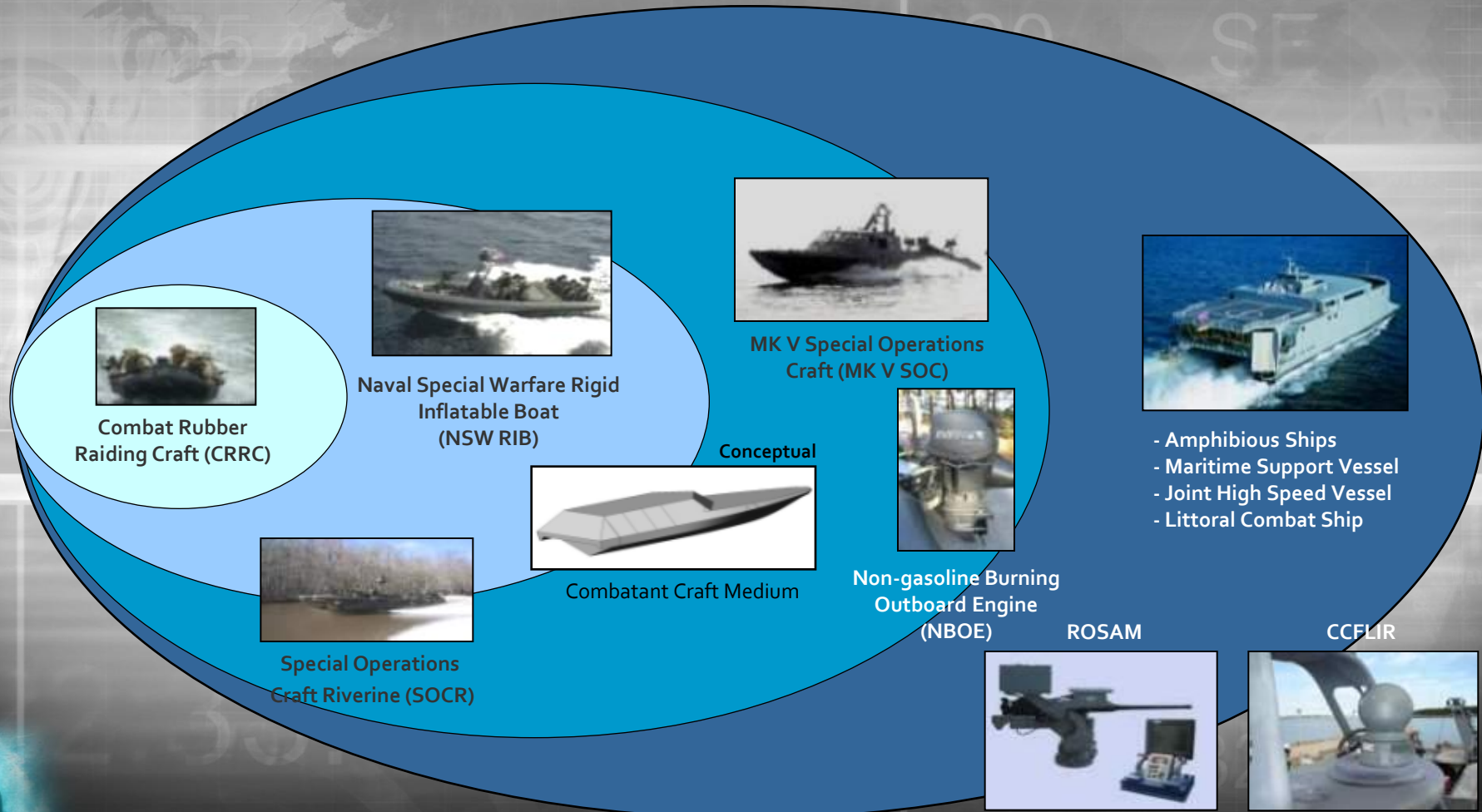
### Dynamic Ride Impact Mitigation

# Maritime Systems



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# Surface Mobility Systems



# Maritime Systems



# Technology Areas of Interest

- Dynamic Ride Impact Mitigation



# Maritime Systems



# Dynamic Ride Impact Mitigation

- **Current status:**
  - Current craft have rigid hull form with passive, shock-absorptive seats with damping characteristics that are platform specific, location and occupant agnostic, and generally fail to ameliorate injurious shock accumulations over time.
  - Current systems provide a daily equivalent static compression dose, normalized to an 8-hour day ( $S_{ed8}$ ) rating of no better than 4.7 MPa per ISO 2631-5:2004.

The logo for Maritime Systems, featuring a stylized figure of a person in a green uniform and helmet, possibly a diver or soldier, in a blue and white environment.

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# Dynamic Ride Impact Mitigation

- Where we want to be:
  - Hull forms and / or seating systems / combinations that significantly mitigates both short and long-term shock effects on all occupants in all sea-state conditions and speeds.



## Maritime Systems

